

VTN60

Viton® Tubing



Product Description

VTN60 tubing offers excellent resistance to oils, fuels, lubricants, and most mineral acids. It also resists aliphatic and aromatic hydrocarbons (carbon tetrachloride, benzene, toluene, & xylene). It exhibits a high degree of resiliency and good mechanical properties which make it an excellent choice for peristaltic pumps. If Viton® is accidentally burned, extreme caution should be taken due to Hydrogen Fluoride and other decomposition products.

Standard Packaging: Coils

Standard Color: Black

Custom Services: Hardness, Cut Lengths, & Overbraid

Specifications

- EU Directive 2011/65/EC (RoHS2)

Features

- Operating Temperature is -40°C to 204°C
- UV, Ozone & Chemical Resistant
- Made from 100% pure Viton® Synthetic Rubber

Standard Sizes

ID (inches)	OD (inches)	Wall (inches)	Standard Coil Length (FT)	Weight (LB/100 FT)
1/32	3/32	1/32	50, 100	.50
1/32	5/32	1/16	50, 100	1.48
1/16	1/8	1/32	50, 100	.74
1/16	3/16	1/16	50, 100	1.99
1/16	1/4	3/32	50, 100	3.70
1/8	1/4	1/16	50, 100	2.97
1/8	5/16	3/32	50, 100	5.21
3/16	5/16	1/16	50, 100	3.96
1/4	3/8	1/16	25, 50	4.94
1/4	7/16	3/32	25, 50	8.18
1/4	1/2	1/8	25, 50	11.86
5/16	7/16	1/16	25, 50	5.94
3/8	1/2	1/16	25, 50	6.92
3/8	9/16	3/32	25, 50	11.16
3/8	5/8	1/8	25	15.82
1/2	5/8	1/16	25	8.90
1/2	3/4	1/8	25	19.77
5/8	1	3/16	25	38.55
3/4	1	1/8	25	27.68
7/8	1	1/16	25	14.83

PROPERTY	TYPICAL VALUE
Durometer Hardness, Shore A	60
Tensile Strength (psi)	1,450
Elongation (%)	350
Brittleness Temperature, (°C)	91

ID/OD Measurement Tolerances	
0.000" – 0.100"	± .010
0.101" – 0.160"	± .013
0.161" – 0.250"	± .016
0.251" – 0.400"	± .020
0.401" – 0.630"	± .025
0.631" – 1.000"	± .032

The values listed in this bulletin, to the best of our knowledge, are accurate. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise

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